Table 2. Slip Vector Summation, Northern Basin and Range Province

Plate1	Plate2	Fault or Site	Approx. Slip Azm (°N)	Total Horizontal Slip Rate (mm/yr)	Total Horizontal Slip Rate, **N** Component (mm/yr)	Total Horizontal Slip Rate, **E** Component (mm/yr)	1-σ Error, mm/yr	**Sum of N Comp. of Slip Rate, mm/yr***	**Sum of E Comp. of Slip Rate, mm/yr***	Reference or Model
PAC	NA	Quincy	-31	43.5	**37.3**	**-22.4**	1.2			Nuvel-1A, *DeMets and others* [1994], relative to Quincy
								0.0	**0.0**	**Start circuit**, stable North America
		Wasatch pf.	90	2.5	0.0	-2.5	1	0.0	-2.5	a, b, and c below
		a) geologic	90	1.5	0.0	1.5	0.5	—	—	*a) Machette and others* [1992]
		b) VLBI, ELY	90	4.9	0.0	4.9	1.3	—	—	*b) Dixon and others* [1995]
		c) strain	85	5	0.4	5.0	2	—	—	*c) Savage and others* [1992]
		Jackson Mtn	90	0.1	0.0	-0.1	0.1	0.0	-2.6	*Frankel and others* [1996]
		Black Rock	90	0.1	0.0	-0.1	0.1	0.0	-2.7	*Frankel and others* [1996]
		Surprise Vy	73	1.3	0.4	-1.2	0.5	0.4	-3.9	*Hedel* [1984]
		B-R closure	-33	6.2	5.4	-3.1	2	5.8	-7.0	Needed to close VLBI versus Nuvel-1A for northern Basin and Range
PAC	SNGV	Quincy	-26	35.1	31.5	-15.4	-1.5	**37.3**	**-22.4**	**End circuit** by adding VLBI model of Pacific-Sierran block motion evaluated at Quincy (D. Argus, writ. commun., 1995)

*Summation of long-term slip rates in northern Great Basin with VLBI model for Pacific-Sierran block (SNGV) along path shown in Figure 10. Basin-Range closure (next to last line) requires ~6 mm/yr dextral shear, mostly in northeast California, to match Nuvel-1A model